



	Autumn		Spring		Summer		
			Core Content				
ing		Number	Numerical Patterns				
Early Learning Goal	number. • Subitise (recognise qua • Automatically recall (w	ding of number to 10, including th antities without counting) up to 5. ithout reference to rhymes, count g subtraction facts) and some nun	 Compare quantities up t than, less than or the sa ting or other aids) number Explore and represent page 1 		0, recognising the pattern of the counting system. o 10 in different contexts, recognising when one quantity is greater me as the other quantity. atterns within numbers up to 10, including evens and odds, double can be distributed equally		
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Topic	Who am I and where	Let's celebrate!	Around the World	Watch me grow!	A journey through	We're all going on a	
	do I live?				time	Summer holiday!	
End Points	Number Pupils will build on previous experiences of number from their home and nursery environments, and further develop their subitising and counting skills. They will explore the composition of numbers within 5. They will begin to compare sets of objects and use the language of comparison. Pupils will: • identify when a set can be subitised and when counting is needed. • subitise different arrangements, both unstructured and structured, including using the Hungarian number frame. • make different arrangements of numbers within 5 and talk about what they can see, to develop their conceptual subitising skills. • spot smaller numbers 'hiding' inside larger numbers • connect quantities and numbers to finger patterns and explore different ways of representing numbers on their fingers. • hear and join in with the counting sequence, and connect this to the 'staircase' pattern of the counting numbers, seeing that each number is made of one more than the previous number. • develop counting skills and knowledge, including: that		Pupils will continue to develop their subitising and counting skills and explore the composition of numbers within and beyond 5. They will begin to identify when two sets are equal or unequal and connect two equal groups to doubles. They will begin to connect quantities to numerals. Pupils will: • continue to develop their subitizing skills for numbers within and beyond 5, and increasingly connect quantities to numerals. • begin to identify missing parts for numbers within 5. • explore the structure of the numbers 6 and 7 as '5 and a bit' and connect this to finger patterns and the Hungarian number frame. • focus on equal and unequal groups when comparing numbers • understand that two equal groups can be called a 'double' and connect this to finger patterns. • sort odd and even numbers according to their 'shape' • continue to develop their understanding of the counting sequence and link cardinality and ordinality through the 'staircase' pattern. • order numbers and play track games. • join in with verbal counts beyond 20, hearing the repeated pattern within the counting numbers. Mass and Capacity • Enjoy tackling problems involving prediction and discussion of comparisons of length, weight or capacity, paying attention to fairness and accuracy. • Becomes familiar with measuring tools in everyday experiences and play. • Compare weight and find objects that balance.		Pupils will consolidate their counting skills, counting to larger numbers and developing a wider range of counting strategies. They will secure knowledge of number facts through varied practice. Pupils will: • continue to develop their counting skills, counting larger sets as well as counting actions and sounds. • explore a range of representations of numbers, including the 10-frame, and see how doubles can be arranged in a • 10-frame. • compare quantities and numbers, including sets of objects which have different attributes. • continue to develop a sense of magnitude, e.g. knowing that 8 is quite a lot more than 2, but 4 is only a little bit • more than 2. • begin to generalise about 'one more than' and 'one less than' numbers within 10. • continue to identify when sets can be subitised and when counting is necessary. • develop conceptual subitising skills including when using a rekenrek. Shape • Select shapes for a purpose • Rotate shapes • Manipulate shapes • Explain shape arrangements • Compose shapes • Decompose shapes • Decompose shapes • Copy 2-D shape pictures • Find 2-D shapes within 3-D shapes Pattern and Mapping • Identify units of repeating patterns • Create own pattern rules		



•	begin to develop the language of 'whole' when talking
	about objects which have part.

Shape

- Talk about and explore 2D shapes (for example, circles, triangles, rectangles, squares) using informal and mathematical language.
- Uses informal language
- and analogies, (e.g. heart-shaped and hand-shaped
- leaves), as well as mathematical terms to describe
- · shapes.
- Identify and name shapes with 4 sides.
- · Combine shapes with 4 sides
- Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can.
- Enjoys partitioning and combining shapes to make new shapes with 2D shapes.

Position and Direction

- Describe a familiar route.
- Discuss routes and locations, using words like 'in front of' and 'behind'.
- Respond to and use language of position and direction.

Time

- Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then...'
- order and sequence events using everyday language related to time.
- To describe time in terms of day and night.

Pattern

- Explore simple patterns
- Copy and continue simple patterns
- Create simple patterns

- To describe objects as heavier/lighter.
- To build on their understanding of 'full' and 'empty' to further investigate different capacities and how they relate to each other.
- To explore how non-standard units can be used to measure capacity.
- To compare capacity.
- To describe capacity in terms of more/less.
- To order capacity from smallest to largest.
- Enjoy tackling problems involving prediction and discussion of comparisons of length, weight or capacity, paying attention to fairness and accuracy
- Become familiar with measuring tools in everyday experiences and play.

Length, Height and Time

- To compare length in terms of longer/shorter.
- Find objects that are the same length.
- Explain how they know.
- Measure length using non-standard units of measure.
- To compare heights in terms of taller/shorter.
- Measure height using non-standard units of measure.

Time

- To begin to learn the days of the week.
- Discuss what is happening tomorrow, next week or at the weekend.
- Explore what you can do in one minute.
- To explore how long it takes to do activities.
- To explore clocks and calendars.

Shape

- Talk about and explore 3D shapes.
- Recognise and name 3-D shapes.
- Find 2-D shapes within 3-D shapes
- Use 3-D shapes for tasks
- Find 3-D shapes in the environment

Pattern

- Identify more complex patterns
- Copy and continue patterns
- · Patterns in the environment

Odd, even, subitise, count, apparatus, set, counter, more than, less than, numeral, equal to, whole, part, quantity, full, empty, nearly full, nearly empty, capacity, container, compare, more, less, the most, the least, tall, thin, narrow, wide, shallow, balance, heavier, lighter, more, fewer, scale, length, long, short, longest, shortest, height, tall, short, tallest, shortest, evening, tomorrow, next week, weekend, yesterday, last week, last month, last year, day, night, minute, time, first, after, then, next, finally, shape, 3D, flat, face, cylinder, sphere, cone, cube, cuboid, pyramid, 2D, triangle, circle, square, rectangle, pattern, what comes next?

Rekenrek, dice, die, subitise, count, apparatus, set, counter, more than, less than, numeral, equal to, whole, part, quantity, triangle, square, rectangle, circle, cuboid, cone, pyramid, sphere, cylinder, rotate, manipulate, move, explain, pattern, repeat, rule, next, build, make, recreate, scene, move, position, next to, above, below, in front of, behind, model, instruction, map, build, replicate, repeat, map, follow, route, number story, check,

Explore own pattern rules

Give instructions to build

Represent maps with models

Create own maps from familiar places

Describe positions

Explore mapping

Visualise from different positions

Replicate and build scenes and constructions

Create own maps and plans from story situations

Deepen understanding of patterns and relationships.

Vocab

Triangle, circle, square, rectangle, pattern, smaller, bigger, taller, shorter, longer, heavier, lighter, balance, Mass, weight, more, less, capacity, subitise, count, apparatus, set, counter, more than, less than, numeral, equal to, whole, part, quantity.

St Bedes





Weekly Overview

Autumn	Week 1	Week 2	Week 3	Wee	k 4	Week	5		Week 6
Focus		Baseline		Subiti	sing	Counting, or	rdinality		Composition
						and cardi	nality		
				Talk about	measure	Talk about n	neasure	Talk	about measure
				Subitising	within 3	Focus on cour	iting skills	Explore ho	w all numbers are made
									of 1s
				Compar	e size	Compare	mass		
								Focus on	composition of 3 and 4
								Co	mpare capacity
	Week 7	Week 8	Wee	k 9	W	eek 10	Wee	ek 11	Week 12
	Subitising	Comparison	Counting, 0	Ordinality	Con	nparison	Comp	osition	Composition
	_		and card	dinality			Circles &	Triangles	Circles & Triangles
	Talk about pattern	Talk about pattern	Talk about	t pattern	Circles	& Triangles			
	Subitise objects and	Comparison of sets - 'just	Focus on cou	ınting skills	Comparis	son of sets - by	Explore th	ne concept	Focus on the
	sounds	by looking'				ning Use the	of 'whole	' and 'part'	composition of 3, 4
			Focus on the 'fi			of comparison:	_		and 5
	Explore simple	Use the language of	using one hand			, fewer than, an		circles and	Chanasin the
	patterns	comparison: more than and fewer than	pattern	1 TOT 5	equa	al number	triar	ngles	Shapes in the environment
		and lewer than	Create simpl	le natterns	Identify ar	nd name circles			environinient
		Copy and continue simple	Oroate on hip	to pattorno	_	triangles			
		patterns				J			
	Week 13	Week 14		Wee	k 15				
	Counting, ordinality	Shape		Rev	riew				
	and cardinality	Time							
	Position								
	Practise object counting								
	skills Match numerals to	•	ith 4 sides						
	quantities within 10 Verb								
	Describe resities	Shapes in the envi	ronment						
	Describe position	My day and n	ight						
		iny day and ii	igiit						





Spring	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Focus	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16
	Subitising	Counting, ordinality	Composition	Composition	Composition &	Counting, ordinality
	& Mass	and cardinality	& Capacity	& Capacity	Length	and cardinality
		& Mass				
						Length
	Subitise within 5	Counting – focus on	Focus on 5	Focus on 6 and 7 as '5	Compare sets and	Subitise objects and
	focusing on die	ordinality and the		and a bit'	use language of	sounds
	patterns	'staircase' pattern	Explore capacity		comparison: more	
				Compare capacity	than, fewer than, an	Explore simple patterns
	Match numerals to	See that each number is			equal number to	
	quantities within 5	one more than the			Mala	Compare length
	Compare mass	previous number			Make unequal sets equal	
	Compare mass	Find a balance			equat	
		i ind a batanee			Explore length	
	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
	Week 17	Week 18	Week 19	Week 20	Explore 3D shape	Explore 3D shape
	Comparison	Composition	Composition	Composition		
	& Height	& Height	& Time	& Time		
	Focus on ordering of	Focus on 7	Doubles – explore how	Sorting numbers	Recognise and	Identify more complex
	numbers to 8		some numbers can be	according to attributes -	name 3-D shapes	patterns
		Compare height	made with 2 equal parts	odd and even numbers		
	Use language of less				Find 2-D shapes	Copy and continue
	than		Talk about time	Order and sequence	within 3-D shapes	patterns
	Frank and hairdet			time	Hand Dahaman fam	Dette we in the continuous and
	Explore height				Use 3-D shapes for tasks	Patterns in the environment
					lasks	
					3-D shapes in the	
					environment	





Sum	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
mer						
Focus	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
	Counting, ordinality	Subitising	Composition & Shape	Composition &	Comparison &	Review & Shape
	and Cardinality	& Shape		Shape	Shape	
	& Shape					
	Counting – larger sets and	Subitising – to 6, including	Composition – '5 and a	Composition - of 10	Comparison –	Subitise to 5
	things that cannot be	in structured	bit'		linked to ordinality	
	seen	arrangements		Explain shape		Introduce the rekenrek
			Manipulate shapes	arrangements	Play track game	
	Select shapes for a	Rotate shapes				Decompose shapes
	purpose				Compose shapes	
	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
	Review and Assess	Review and Assess	Review and Assess	Review and Assess	Review and	Review and Assess
	Number	Number	Number	Number	Assess Number	Number & Mapping
	& Shape	& Pattern	& Mapping	& Mapping	& Mapping	
	Subitise to 5	Automatic recall of bonds	Composition of numbers	Comparison	Number patterns	Counting
		to 5	to 10			
	Introduce the rekenrek			Visualise from different	Give instructions to	Create own maps from
		Find 2-D shapes within 3-D	Explore own pattern	positions	build	familiar places
	Copy 2-D shape pictures	shapes	rules			
				Describe positions	Explore mapping	Create own maps and
		Identify units of repeating	Replicate and build			plans from story situations
		patterns	scenes and		Represent maps	
1	1	1			with models	Deepen understanding of
			constructions		with models	patterns and relationships

Preparation for Year 1:

Number	Shape, Space and Measure
count to and across 20, forwards and backwards.	Recognise some 2d shapes (squares, circles, triangles and rectangles) and their
 count, read and write numbers to 10 in numerals. 	features.
 identify and represent numbers using objects and pictorial 	Recognise some 3d shapes (sphere, pyramid, cone, cuboid, cube) and their features.
representations.	Recognise 2D shapes within 3D shapes
 use the language of: equal to, more than, less than (fewer), 	Use non-standard units of measure
Subitise numbers to 5	Explore capacity, mass and length.
Begin to learn number bonds to 10	Begin to learn units of time.
Know some doubles within 10.	To sequence events beginning to use the language of time.
Recognise how to share equally.	Recognise a clock and calendar





Begin to describe position, direction and movement